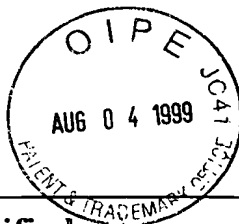


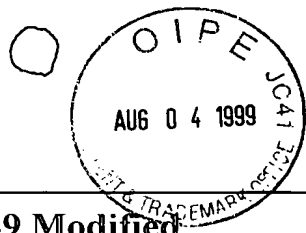
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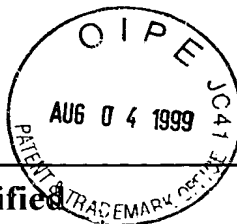
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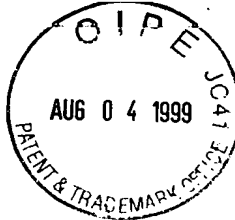
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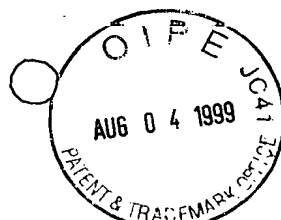
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Patent and Trademark Office

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Ching-Leou Teng et al.

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May 20, 1999

Group

1615 1635

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<i>JE</i>	EG	4,904,582	02/27/90	Tullis	435	6
<i>JE</i>	EH	4,948,882	08/14/90	Ruth	536	27
<i>JE</i>	EI	4,958,013	09/18/90	Letsinger	536	27
<i>JE</i>	EJ	4,981,957	01/01/91	Lebleu, et al.	536	27
<i>JE</i>	EK	5,004,810	04/02/91	Draper	536	27
EXAMINER	<i>Ching-Leou Teng</i>			DATE CONSIDERED	<i>9/21/99</i>	

Form PTO-1449 Modified

AUG 8 4 1999

Docket No.

ISIS-3510

Serial No.

09/315,298

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Cited by Applicant
(Use several sheets if necessary)

Applicant
Ching-Leou Teng et al.

U.S. Department of Commerce
Patent and Trademark Office

Filing Date
May 20, 1999

Group
~~1615~~ / 635

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Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>JE</i>	EL	5,013,830	05/07/91	Ohtsuka et al.	536	27
<i>JE</i>	EM	5,023,243	06/11/91	Tullis	514	44
<i>JE</i>	EN	5,034,506	07/23/91	Summerton et al.	528	391
<i>JE</i>	EO	5,082,830	01/21/92	Brakel et al.	514	44
<i>JE</i>	EP	5,087,617	02/11/92	Smith	514	44
<i>JE</i>	EQ	5,098,890	03/24/92	Gerwartz et al.	514	44
<i>JE</i>	ER	5,109,124	4/28/92	Ramachandran et al.	536	27
<i>JE</i>	ES	5,112,963	05/12/92	Pieles et al.	536	27
<i>JE</i>	ET	5,118,800	06/02/92	Smith et al.	536	23
<i>JE</i>	EU	5,118,802	06/02/92	Smith et al.	536	27
<i>JE</i>	EV	5,130,302	07/14/92	Spielvogel et al.	514	45
<i>JE</i>	EW	5,134,066	07/28/92	Rogers et al.	435	91
<i>JE</i>	EX	5,135,917	08/04/92	Burch	514	44
<i>JE</i>	EY	5,138,045	08/11/92	Cook et al.	536	27
<i>JE</i>	EZ	5,149,797	09/22/92	Pederson et al.	536	27
<i>JE</i>	FA	5,166,195	11/24/92	Ecker	514	44
<i>JE</i>	FB	5,166,315	11/24/92	Summerton et al.	528	406
EXAMINER <i>Janet L. Eggs</i>				DATE CONSIDERED <i>9/21/99</i>		

Form PTO-1449 Modified

AUG 04 1999

Docket No.

ISIS-3510

Serial No.

09/315,298

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Applicant

Ching-Leou Teng et al.

Filing Date

May 20, 1999

Group

1615

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JE	FC	5,175,273	12/29/92	Bischofberger et al.	536	27
	FD	5,177,196	01/05/93	Meyer, Jr. et al.	536	22.1
	FE	5,177,198	01/05/93	Spielvogel et al.	536	25.33
	FF	5,185,444	02/09/93	Summerton et al.	544	81
	FG	5,188,897	2/23/93	Suhadolnik et al.	428	402.2
	FH	5,194,428	03/16/93	Agrawal et al.	514	44
	FI	5,212,295	05/18/93	Cook	536	26.7
	FJ	5,214,134	05/25/93	Weis et al.	536	25.3
	FK	5,214,136	05/25/93	Lin et al.	514	44
	FL	5,216,141	06/01/93	Benner	536	27.13
	FM	5,218,105	06/08/93	Cook et al.	536	25.31
	FN	5,220,007	06/15/93	Pederson et al.	536	23.1
	FO	5,223,618	06/29/93	Cook et al.	544	276
	FP	5,235,033	08/10/93	Summerton et al.	528	391
JE	FQ	5,242,906	09/07/93	Pagano et al.	514	44
EXAMINER <i>Janet Epps</i>				DATE CONSIDERED 9/21/99		

Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
ISIS-3510

Serial No.
09/315,298

Applicant
Ching-Leou Teng et al.

Filing Date
May 20, 1999

Group
1615-35

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>JE</i>	FR	5,245,022	9/14/97	Weis et al.	536	24.5
	FS	5,254,469	10/19/93	Warren, III et al.	435	188
	FT	5,256,775	10/26/93	Froehler	536	25.6
	FU	5,258,506	11/02/93	Urdea	536	23.1
	FV	5,262,536	11/16/93	Hobbs, Jr.	546	25
	FW	5,264,423	11/23/93	Cohen et al.	514	44
	FX	5,264,562	11/23/93	Matteucci	536	23.1
	FY	5,264,564	11/23/93	Matteucci	536	23.1
	FZ	5,272,250	12/21/93	Spielvogel et al.	530	300
	GA	5,276,019	01/04/94	Cohen et al.	514	44
	GB	5,278,302	01/11/94	Caruthers et al.	536	24.5
	GC	5,286,717	02/15/94	Cohen et al.	514	44
	GD	5,292,873	03/08/94	Rokita et al.	536	24.3
	GE	5,317,098	05/31/94	Shizuya et al.	536	23.1
	GF	5,319,080	06/07/94	Leumann	536	27.1
<i>JE</i>	GG	5,321,131	06/14/94	Agrawal et al.	536	25.34
EXAMINER <i>Janet Epp</i>				/DATE CONSIDERED <i>9/21/99</i>		

Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
ISIS-3510

Serial No.
09/315,298

Applicant
Ching-Leou Teng et al.

Filing Date
May 20, 1999

Group
1615-1635

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>JE</i>	GH	5,359,044	10/25/94	Cook et al.	536	23.1
	GI	5,366,878	11/22/94	Pederson et al.	435	91.3
	GJ	5,367,066	11/22/94	Urdea et al.	536	24.3
	GK	5,371,241	12/06/94	Brush et al.	549	220
	GL	5,378,825	01/03/95	Cook et al.	536	25.34
	GM	5,386,023	01/31/95	Sanghvi et al.	536	25.3
	GN	5,391,723	02/21/95	Priest	536	23.1
	GO	5,393,878	02/28/95	Leumann	536	28.2
	GP	5,399,676	03/21/95	Froehler	536	23.1
	GQ	5,403,711	04/04/95	Walder et al.	435	6
	GR	5,405,938	04/11/95	Summerton et al.	528	406
	GS	5,405,939	04/11/95	Suhadolnik et al.	530	322
	GT	5,414,077	05/09/95	Lin et al.	536	24.3
	GU	5,416,203	5/16/95	Letsinger	536	25.34
	GV	5,432,272	07/11/95	Benner	536	25.3
<i>JE</i>	GW	5,434,257	08/18/95	Matteucci et al.	536	24.3
EXAMINER <i>Janet [Signature]</i>				DATE CONSIDERED <i>9/21/99</i>		

Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
ISIS-3510

Serial No.
09/315,298

Applicant
Ching-Leou Teng et al.

Filing Date
May 20, 1999

Group
1615-35

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>JE</i>	GX	5,446,137	08/29/95	Maag et al.	536	23.1
<i>JE</i>	GY	5,451,463	09/19/95	Nelson et al.	428	402
<i>JE</i>	GZ	5,453,496	09/26/95	Caruthers et al.	536	24.5
<i>JE</i>	HA	5,455,233	10/03/95	Spielvogel et al.	514	44
<i>JE</i>	HB	5,457,187	10/10/95	Gmeiner et al.	536	25.5
<i>JE</i>	HC	5,457,191	10/10/95	Cook et al.	536	27.13
<i>JE</i>	HD	5,459,255	10/17/95	Cook et al.	536	27.13
<i>JE</i>	HE	5,466,677	11/14/95	Baxter et al.	514	44
<i>JE</i>	HF	5,466,786	11/14/95	Buhr et al.	536	26.26
<i>JE</i>	HG	5,470,967	11/28/95	Huie et al.	536	24.3
<i>JE</i>	HH	5,476,925	12/19/95	Letsinger et al.	536	23.1
<i>JE</i>	HI	5,484,908	01/16/96	Froehler et al.	536	24.31
<i>JE</i>	HJ	5,486,603	01/23/96	Buhr	536	24.3
<i>JE</i>	HK	5,489,677	02/06/96	Sanghvi et al.	536	22.1
<i>JE</i>	HL	5,491,133	02/13/96	Walder et al.	514	44
<i>JE</i>	HM	5,502,177	03/26/96	Matteucci et al.	536	2606
EXAMINER <i>Janet Lipp</i>				DATE CONSIDERED <i>7/21/99</i>		

Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
ISIS-3510

Serial No.
09/315,298

Applicant
Ching-Leou Teng et al.

Filing Date
May 20, 1999

Group
1615-35

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>JE</i>	HN	5,506,351	04/09/96	McGee	536	55.3
<i>JE</i>	HO	5,508,270	04/16/96	Baxter et al.	514	47
<i>JE</i>	HP	5,510,475	04/23/96	Agrawal et al.	536	24.3
<i>JE</i>	HQ	5,512,439	04/30/96	Hornes et al.	435	6
<i>JE</i>	HR	5,512,667	04/30/96	Reed et al.	536	24.31
<i>JE</i>	HS	5,514,785	05/07/96	Van Ness et al.	536	22.1
<i>JE</i>	HT	5,514,788	05/07/96	Bennett et al.	536	23.1
<i>JE</i>	HU	5,519,126	05/21/96	Hecht	536	24.3
<i>JE</i>	HV	5,519,134	05/21/96	Acevedo et al.	544	243
<i>JE</i>	HW	5,521,302	05/28/96	Cook	536	25.31
<i>JE</i>	HX	5,523,389	06/04/96	Ecker et al.	536	23.1
<i>JE</i>	HY	5,525,465	06/11/96	Haralambidis et al.	435	6
<i>JE</i>	HZ	5,525,711	06/11/96	Hawkins et al.	536	22.1
<i>JE</i>	IA	5,536,821	07/16/96	Agrawal et al.	536	22.1
<i>JE</i>	IB	5,539,082	07/23/96	Nielsen et al.	530	300
<i>JE</i>	IC	5,539,083	07/23/96	Cook et al.	530	333
<i>JE</i>	ID	5,541,306	07/30/96	Agrawal et al.	536	22.1
EXAMINER <i>Janet Eggs</i>				DATE CONSIDERED <i>9/21/99</i>		

Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
ISIS-3510

Serial No.
09/315,298

Applicant
Ching-Leou Teng et al.

Filing Date
May 20, 1999

Group
1615-35

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>JE</i>	IE	5,541,307	07/30/96	Cook et al.	536	23.1
<i>JE</i>	IF	5,541,313	07/30/96	Ruth	536	24.3
<i>JE</i>	IG	5,543,508	08/06/96	Haseloff et al.	536	23.2
<i>JE</i>	IH	5,545,729	08/13/96	Goodchild et al.	536	24.5
<i>JE</i>	II	5,545,730	08/13/96	Urdea et al.	536	28.51
<i>JE</i>	IJ	5,550,111	08/27/96	Suhadolnik et al.	514	44
<i>JE</i>	IK	5,552,538	09/03/96	Urdea et al.	536	24.3
<i>JE</i>	IL	5,552,540	09/03/96	Haralambidis	536	25.34
<i>JE</i>	IM	5,554,746	09/10/96	Ravikumar et al.	540	200
<i>JE</i>	IN	5,561,225	10/01/96	Maddry et al.	536	23.1
<i>JE</i>	IO	5,563,253	10/08/96	Agrawal et al.	536	22.1
<i>JE</i>	IP	5,565,350	10/15/96	Kmiec	435	172.3
<i>JE</i>	IQ	5,565,552	10/15/96	Magda et al.	534	11
<i>JE</i>	IR	5,567,810	10/22/96	Weis et al.	536	25.3
<i>JE</i>	IS	5,567,811	10/22/96	Misiura et al.	536	25.34
<i>JE</i>	IT	5,571,799	11/05/96	Tkachuk et al.	514	47
EXAMINER <i>Janet Eggs</i>				DATE CONSIDERED <i>9/21/99</i>		

Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
ISIS-3510

Serial No.
09/315,298

Applicant
Ching-Leou Teng et al.

Filing Date
May 20, 1999

Group
1615-35

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>JE</i>	IU	5,571,902	11/05/96	Ravikumar et al.	536	22.1
<i>JE</i>	IV	5,574,142	11/12/96	Meyer, Jr. et al.	536	23.1
<i>JE</i>	IW	5,576,427	11/19/96	Cook et al.	536	23.1
<i>JE</i>	IX	5,578,717	11/26/96	Urdea et al.	536	26.1
<i>JE</i>	IY	5,578,718	11/26/96	Cook et al.	536	27.21
<i>JE</i>	IZ	5,580,731	12/03/96	Chang et al.	435	6
<i>JE</i>	JA	5,585,481	12/17/96	Arnold, Jr. et al.	536	25.33
<i>JE</i>	JB	5,587,361	12/24/96	Cook et al.	514	44
<i>JE</i>	JC	5,587,371	12/24/96	Sessler et al.	514	185
<i>JE</i>	JD	5,587,469	12/24/96	Cook et al.	536	23.1
<i>JE</i>	JE	5,587,470	12/24/96	Cook et al.	536	23.1
<i>JE</i>	JF	5,591,584	01/07/97	Chang et al.	435	6
<i>JE</i>	JG	5,591,623	01/07/97	Bennett et al.	435	240.2
<i>JE</i>	JH	5,591,722	01/07/97	Montgomery et al.	514	45
<i>JE</i>	JI	5,594,121	01/14/97	Froehler et al.	536	23.5
<i>JE</i>	JJ	5,595,726	01/21/97	Magda et al.	424	9.61
EXAMINER <i>[Signature]</i>				DATE CONSIDERED <i>7/21/99</i>		

Form PTO-1449 Modified

Docket No.
ISIS-3510Serial No.
09/315,298List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)Applicant
Ching-Leou Teng et al.U.S. Department of Commerce
Patent and Trademark OfficeFiling Date
May 20, 1999Group
1615-35

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>je</i>	JK	5,595,978	01/21/97	Draper et al.	514	44
<i>je</i>	JL	5,596,086	01/21/97	Matteucci et al.	536	22.1
<i>je</i>	JM	5,596,091	01/21/97	Switzer	536	24.5
<i>je</i>	JN	5,597,696	01/28/97	Linn et al.	435	6
<i>je</i>	JO	5,597,909	01/28/97	Urdea et al.	536	24.3
<i>je</i>	JP	5,599,797	02/04/97	Cook et al.	514	44
<i>je</i>	JQ	5,599,923	02/04/97	Sessler et al.	540	145
<i>je</i>	JR	5,599,928	02/04/97	Hemmi et al.	540	474
<i>je</i>	JS	5,602,240	02/11/97	De Mesmaeker et al.	536	23.1
<i>je</i>	JT	5,608,046	03/04/97	Cook et al.	536	23.1
<i>je</i>	JU	5,610,289	03/11/97	Cook et al.	536	25.34
<i>je</i>	JV	5,610,300	03/11/97	Altmann et al.	544	244
<i>je</i>	JW	5,614,617	03/25/97	Cook et al.	536	23.1
<i>je</i>	JX	5,618,704	04/08/97	Sanghvi et al.	435	91.5
<i>je</i>	JY	5,623,070	04/22/97	Cook et al.	536	27.6
EXAMINER <i>Janet Rugg</i>				DATE CONSIDERED <i>9/21/99</i>		

Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
ISIS-3510

Serial No.
09/315,298

Applicant
Ching-Leou Teng et al.

Filing Date
May 20, 1999

Group
1615-35

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>JE</i>	JZ	5,623,065	04/22/97	Cook et al.	536	23.1
<i>JE</i>	KA	5,625,050	04/29/97	Beaton et al.	536	24.1
<i>JE</i>	KB	5,633,360	05/27/97	Bischofberger et al.	536	22.1
<i>JE</i>	KC	5,639,873	06/17/97	Barascut et al.	536	25.3
<i>JE</i>	KD	5,646,265	07/08/97	McGee	536	25.34
<i>JE</i>	KE	5,652,355	07/29/97	Metlev et al.	536	24.5
<i>JE</i>	KF	5,652,356	07/29/97	Agrawal	536	24.5
<i>JE</i>	KG	5,658,873	08/19/97	Bertsch-Frank et al.	510	375
<i>JE</i>	KH	5,663,312	09/02/97	Chaturvedula	536	22.1
<i>JE</i>	KI	5,670,633	09/23/97	Cook et al.	536	23.1
<i>JE</i>	KJ	5,672,359	09/30/97	Digenis, et al.	424	463
<i>JE</i>	KK	5,674,530	10/07/97	Amidon et al.	424	472
<i>JE</i>	KL	5,677,437	10/14/97	Teng et al.	536	23.1
<i>JE</i>	KM	5,677,439	10/14/97	Weis et al.	536	23.1
<i>JE</i>	KN	5,681,941	10/28/97	Cook et al.	536	23.1
<i>JE</i>	KO	5,688,941	11/18/97	Cook et al.	536	25.3
EXAMINER <i>James E. Yapp</i>				DATE CONSIDERED <i>9/21/99</i>		

AUG 04 1999

Sheet 20 of 21

Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
ISIS-3510

Serial No.
09/315,298

Applicant
Ching-Leou Teng et al.

Filing Date
May 20, 1999

Group
1615 / 1635

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>JE</i>	KP	5,697,248	12/16/97	Brown	73	290
<i>JE</i>	KQ	5,700,920	12/23/97	Altmann et al.	536	221
<i>JE</i>	KR	5,700,922	12/23/97	Cook	536	23.1
<i>JE</i>	KS	5,705,188	01/06/98	Junichi, et al.	424	450
<i>JE</i>	KT	5,714,331	02/03/98	Buchardt et al.	435	6
<i>JE</i>	KU	5,716,780	02/10/98	Edwards et al.	435	6
<i>JE</i>	KV	5,719,262	02/17/98	Buchardt et al.	530	300
<i>JE</i>	KW	4,828,979	05/09/89	Klevan et al.	435	6
<i>JE</i>	KX	5,223,168	06/29/93	Holt	252	142
<i>JE</i>	KY	5,627,053	05/06/97	Usman et al.	435	91.1
<i>JE</i>	KZ	5,843,738	12/01/98	Bennett et al.	435	172.3
<i>JE</i>	LA	5,859,221	01/12/99	Cook et al.	536	23.1

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<i>JE</i>	LB	WO 93/24510	12/09/93	PCT	XX	<input checked="" type="checkbox"/>
<i>JE</i>	LC	WO 94/02499	02/03/94	PCT	XX	<input checked="" type="checkbox"/>
<i>JE</i>	LD	WO 94/17093	08/04/94	PCT	XX	<input checked="" type="checkbox"/>
<i>JE</i>	LE	WO 97/30731	08/28/97	PCT	XX	<input checked="" type="checkbox"/>

EXAMINER

Janet [Signature]

DATE CONSIDERED

9/21/99

** Pursuant to 37 C.F.R. 1.98 (a)(2)(iii), no copy of a U.S. patent application need be included with an Information Disclosure Statement filed under 37 C.F.R. 1.97.

AUG 04 1999

Sheet 21 of 21

Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
ISIS-3510

Serial No.
09/315,298

Applicant
Ching-Leou Teng et al.

Filing Date
May 20, 1999

Group
~~1615~~ **1635**

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Examiner Initial		Document No.	Date	Name	Class	Subclass
** <i>JE</i>	LF	08/383,666	02/03/95	Cook et al.		
** <i>JE</i>	LG	08/465,880 ^{595,589}	06/06/95	Cook	536	23.1
** <i>JE</i>	LH	08/762,488	12/10/96	Blatter et al.		
** <i>JE</i>	LI	09/016,520	01/30/98	Cook et al.		
** <i>JE</i>	LJ	09/062,416	04/17/98	Bennett et al.		
** <i>JE</i>	LK	09/098,166	06/16/98	Manoharan et al.		
** <i>JE</i>	LL	09/275,505	03/24/99	Guzaev et al.		

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES NO	

EXAMINER**DATE CONSIDERED**

** Pursuant to 37 C.F.R. 1.98(a)(2)(iii), no copy of a U.S. patent application need be included with an Information Disclosure Statement filed under 37 C.F.R. 1.97.